

## PolyOne Geon™ Vinyl Flexible B8000 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Geon-Vinyl-Flexible-B8000-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-B8000-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74	74	15 sec; ASTM D2240
Tensile Strength at Break	15.9 MPa	2310 psi	510 mm/min; ASTM D638
Tensile Strength	7.58 MPa @Strain 100 %	1100 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	350 %	350 %	510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-31.7 °C	-25.1 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	166 - 171 °C	331 - 340 °F	
	182 - 188 °C	360 - 370 °F	

Descriptive Properties	Value	Comments
Agency Ratings	NSF 51	GRAY 2600, BLACK 2999. Max. Temp. of use = 100 degrees F.
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
	Injection Molding	
	Profile Extrusion	

Regional Availability Descriptive Properties	Africa & Middle East Value	Comments
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Profiles	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China